SONY

be like.no.other™

VAIO

VGN-FZ31S

Entertain in style

15.4" notebook with Blu-ray Disc™ drive and latest X-black LCD

VAIO Europe official website
http://www.vaio.eu/

VAIO Europe official website
http://www.vaiopro.eu/

KEY FEATURES

- Enjoy HD movies and create your own HD with Blu-ray Disc™ drive (reader/writer) and HDMI output
- Sharp and bright 15.4" widescreen X-black LCD display for natural looking pictures
- Large screen on a compact magnesium body keeps weight low and size small
- High performance with powerful Intel® Centrino® Duo and fast NVIDIA® graphics

TECHNICAL SPECIFICATIONS

Operating System

Operating System	Genuine Windows Vista® Home Premium

Architecture

Platform	Intel® Centrino® processor technology
Chipset	Mobile Intel® PM965 Express Chipset

CPU Section

Microprocessor Full Name	Intel® Core™2 Duo Processor T8100, Supports Enhanced Intel SpeedStep® Technology
Microprocessor Manufacturer	Intel®
Microprocessor Speed (GHz)	2.1
L2 Cache (KB)	3072 Advanced Smart Cache
Frontside Bus (MHz)	800
Number of Cores	2

Memory

Memory Speed (MHz)	667
Memory Type	DDR2 SDRAM (2x1024MB)
Max. Memory (MB)	4096
Max Memory Comment	In the case of 4GB, a portion of the system memory over 3GB might not be available to the operating system
Memory Size (MB)	2048

Drives

Optical Drive Type	Blu-ray Disc™ Drive: BD-R/-RE/-ROM/ DVD+-RW/+-R DL/RAM Drive
Hard Drive Capacity (GB)	250
Hard Drive Speed (rpm)	5400
Optical Drive Fitting	Built-in
Hard Drive Type	Serial ATA

Drives Speed

Write	CD-R x8, CD-RW x8, DVD-R DL x2, DVD-R x8, DVD-RW x2.4, DVD+R DL x4, DVD+R x8, DVD +RW x4 , DVD-RAM x5, BD-Rx2, BD-RE x2, BD-R DL x1, BD-RE DL x1
Read	CD-ROM x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x6, DVD +R DL x8, DVD+R x8, DVD+RW x8, DVD-RAM x5, BD-ROM x2, BD-Rx2, BD-RE x2, BD-RE DL x1.6, BD-R DL x1.6

Display

Display Type	X-black LCD with double lamp technology
Diagonal Size (in)	15.4
Resolution Format	1280 x 800
Resolution Type	WXGA

Graphics

Graphic Card Full Name	NVIDIA® GeForce® 8600M GS GPU
Producer	NVIDIA®
Comments	Total Available Graphics Memory of 1023MB and dedicated Video Memory of 256MB

Interfaces

4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Memory Stick™ Slot	1
Memory Stick Slot Type	Memory Stick™ Std / Duo, Memory Stick™ PRO Std / Duo, high speed data transfer
SD Card Slot	1
Microphone Jack	1
RJ-11 Direct Port (Modem)	1
RJ-45 Direct Port (Network)	1
USB Speed	High/Full/Low
USB Port (quantity)	3
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
TV out	2
TV out type	S-Video + HDMI
Audio out	1
Audio out Type(s)	Stereo Headphones/Speakers Jack
Express Card Slot	1
Express Card Slot Type	34mm

Connectivity

Built-in Modem	V92/V.90
Integrated Wireless LAN	YES
Wireless LAN Max. Date Rate (Mbps)	300
Wireless LAN Range (m)	max. 100
Wireless LAN Type	802.11a/b/g/Draft n
Integrated Bluetooth (Version)	2.0 + EDR
Bluetooth Range (m)	10
Ethernet network	100 BASE-TX/10 BASE-T

Multimedia

Intel® High Definition Audio compatible	YES
3D Surround	YES
Built-in Stereo Speakers	YES
Windows® Sound System Compatible	YES
Sound Reality	YES

Built-in Camera

Built-in 'Motion Eye' Digital Camera	YES
Frames per Second	30
Image Sensor (Mega Pixels)	1.3
Motion Picture Function	YES
Motion Pictures max. Resolution (pixels)	1280x1024 (SXGA)

Keyboard Section

Touch Pad	1

Features

Special Buttons	Power button, Wireless switch, Short-cut Keys (S1), AV Mode buttons
Auto Resolution	Plug and Display
Kensigton Lock	YES
Built-in Microphone	YES
Instant ON	YES

Software

Audio	VAIO Music Box, Windows Media Player 11, SonicStage Mastering Studio 2.4
Video & TV	Adobe Premiere Elements 4, VAIO Content Importer / Exporter, WinDVD BD 8.0 for VAIO, DivX Player & Converter
Photo	Adobe Photoshop Elements 6, Google Picasa
CD-DVD Burning	Easy Media creator 9, Click to Disc/Editor, VAIO Movie Story
Office Application	Adobe® Reader® 8.1, Adobe Standard 8, Microsoft® Works 8.5, Microsoft® Office Trial 2007 (60 days Try & Buy)
Security & Other	Norton 360 (with 60days free virus updates), VAIO Recovery Utility - HDD recovery (hidden partition), Skype, Google software package

Supplied Accessories

AC Adaptor	YES
Battery	YES
Power Cord	YES

Dimensions

Depth Main Unit (mm)	254.4
Height Main Unit (min - max in mm)	24.9-34.5
Width Main Unit (mm)	355.8
Weight with Supplied Battery and Supplied Drive (kg)	2.8

Battery

Battery Type	Lithium-Ion battery (VGP-BPS8A)
Battery Life (min)	115
Battery Charging Time (min)	230
Battery life disclaimer	Actual battery life will vary depending on your specific hardware and software configurations. Benchmark: MobileMark 2007

Guarantee

Months 12

OPTIONAL ACCESSORIES

VGPE-MBTLSV01

Distinctive shopper bag for 15.4" VAIO notebook with spacious accessories pockets and back opening for trolley. Zipper closure on the top main compartment. Elegant solutions for casual women. The contrast lining allows easy visibility of contents at a glance.

VGP-BPS8

Rechargeable Battery

VGP-AC19V12

Sony VAIO® AC Adapter

©2008 Sony Terms and Conditions